

Date Issued: 12/08/93  
Supersedes: 07/24/81TEXACO  
MATERIAL SAFETY DATA SHEET

NOTE: Read and understand Material Safety Data Sheet before handling or disposing of product

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

## MATERIAL IDENTITY

Product Code and Name:

\* 01880 MARPAK HEAVY DUTY 3 \*

Chemical Name and/or Family or Description:  
Automotive Greases

Manufacturer's Name and Address:

Texaco Lubricants Company  
a Division of Texaco Refining and Marketing Inc.  
P.O. Box 4427, Houston, TX 77210-4427

Telephone Numbers:

TRANSPORTATION EMERGENCY Company: (814) 831-3400

CHEMTREC: (800) 424-9300

HEALTH EMERGENCY Company: (814) 831-3400

GENERAL MSDS ASSISTANCE (814) 838-7204

TECHNICAL INFORMATION Fuels: (814) 838-7336; Lubricants/Antifreezes: (800) 782-7852  
Chemicals: (512) 459-6543

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

THE CRITERIA FOR LISTING COMPONENTS IN THE COMPOSITION SECTION IS AS FOLLOWS:  
CHRONIC HAZARDS (CARCINOGENIC, TERATOGENIC, MUTAGENIC, NEUROTOXIC AND SENSITIZERS)  
ARE LISTED WHEN PRESENT AT 0.01% OR GREATER; ACUTE HAZARDS ARE LISTED WHEN PRESENT  
AT 1.0% OR GREATER AND NON-HAZARDOUS COMPONENTS ARE LISTED WHEN PRESENT AT 3.0% OR  
GREATER. THIS IS NOT INTENDED TO BE A COMPLETE COMPOSITIONAL DISCLOSURE.Product and/or Component(s) Carcinogenic According to: OSHA IARC NTP OTHER NONE  
- - - - X

## Composition:

Chemical/Common Name	CAS No.	Exposure Limit	Range in %
Severely refined hydrotreated heavy naph- thenic petroleum distillates	64742525	5mg/m3 OSHA (MIST) 5mg/m3 ACGIH (MIST) 10mg/m3 STEL (MIST)	35.00 - 48.89
Solvent deasphalted residual petroleum oils	64741953	5mg/m3 OSHA (MIST) 5mg/m3 ACGIH (MIST) 10mg/m3 STEL (MIST)	20.00 - 34.98
Sodium tallowate	8052480	None Established	10.00 - 19.99

Product is non-hazardous according to OSHA (1810.1200).

## 3. HAZARD IDENTIFICATION

## EMERGENCY OVERVIEW

Appearance and Odor: Brown, stringy grease; slight odor

## WARNING STATEMENT

NONE CONSIDERED NECESSARY

HMIS  
Health: 0  
Flammability: 1Reactivity: 0  
Special: -NFPA  
Health: 0  
Flammability: 1  
Reactivity: 0  
Special: -

## POTENTIAL HEALTH EFFECTS

Primary Route of Exposure: EYE SKIN INHALATION INGESTION  
X X X -  
Page: 1N.D. - Not Determined  
< - Less ThanN.A. - Not Applicable  
> - Greater Than

N.T. - Not Tested

USEPA SF



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AGC2G000031



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### 3. HAZARD IDENTIFICATION (CONT)

#### Effects of Overexposure

##### Acute

##### Eyes:

May cause minimal irritation, experienced as temporary discomfort.

##### Skin:

No adverse effects expected from absorption of material through the skin.

Brief contact is not irritating. Prolonged contact, as with clothing wetted with material, may cause defatting of skin or irritation, seen as local redness with possible mild discomfort.

##### Inhalation:

Product not volatile at ambient temperatures. No adverse effects expected from vapor generated at ambient temperatures.

##### Ingestion:

No adverse effects expected. If more than several mouthfuls are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

##### Sensitization Properties:

Unknown.

##### Chronic:

No adverse effects anticipated.

##### Medical Conditions Aggravated by Exposure:

Because of its defatting properties, prolonged and repeated skin contact may aggravate an existing dermatitis (skin condition).

##### Other Remarks:

Material from high pressure equipment, pinhole leaks, or high pressure line failure can penetrate the skin and, if not properly treated, can cause severe injury, including disfigurement, loss of function, or even require amputation of the affected area. To prevent such serious injury, immediate medical attention should be sought even if the injection injury appears to be minor.

### 4. FIRST AID MEASURES

##### Eyes:

Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

##### Skin:

Wash skin with plenty of soap and water for several minutes. Get medical attention if skin irritation develops or persists.

##### Ingestion:

If more than several mouthfuls have been swallowed, give two glasses of water (16 oz.). Get medical attention.

##### Inhalation:

If irritation or drowsiness occurs, remove to fresh air.



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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT)

### Respiratory Protection:

Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated, use respirator approved by MSHA or NIOSH as appropriate. Supplied air respiratory protection should be used for cleaning large spills or upon entry into tanks, vessels, or other confined spaces. See below for applicable permissible concentrations.

### Ventilation:

Adequate to meet component occupational exposure limits (see Section 2).

### Exposure Limit for Total Product:

None established for this product; refer to Section 2 for component permissible concentration.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Brown, stringy grease: slight odor	
Boiling Point (Degrees F.): N.D.	Percent VOC: 100
Specific Gravity: 0.9 (H2O=1)	Vapor Density: N.D. Air=1
pH of undiluted product: N.A.	Solubility in Water: Slight
Vapor Pressure: Negligible mmhg	
Viscosity: N.D.	Other: N.D.

## 10. STABILITY AND REACTIVITY

This Material Reacts Violently With: (If others is checked below, see comments for details)

Air	Water	Heat	Strong Oxidizers	Others	None of These
-	-	-	<u>Y</u>	-	-

Comments:  
None

### Products Evolved When Subjected to Heat or Combustion:

Toxic levels of carbon monoxide, carbon dioxide, irritating aldehydes and ketones, and combustion products or compounds of sodium

	OCCUR	DO NOT OCCUR
Hazardous Polymerizations:	-	<u>X</u>

## 11. TOXICOLOGICAL INFORMATION

### TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)

#### Median Lethal Dose (LD50 LC50) (Species)

Oral: believed to be >5g/kg (rat); practically non-toxic

Inhalation: N.D.

Dermal: believed to be >3 g/kg (rabbit); practically non-toxic

#### Irritation Index, Estimation of Irritation (Species)

Skin: believed to be <0.5/8.0 (rabbit); no appreciable effect

Eyes: believed to be <15/110 (rabbit); no appreciable effect

Sensitization: N.D.

Other:

None



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#### 15. OTHER INFORMATION (CONT)

TO DETERMINE APPLICABILITY OR EFFECT OF ANY LAW OR REGULATION WITH RESPECT TO THE PRODUCT,  
USER SHOULD CONSULT HIS LEGAL ADVISOR OR THE APPROPRIATE GOVERNMENT AGENCY. TEXACO  
DOES NOT UNDERTAKE TO FURNISH ADVICE ON SUCH MATTERS.

Date: 12-08-83      ☐ New      ☒ Revised, Supersedes: 07-24-81  
Date Printed: 03-18-94

Inquiries regarding MSDS should be directed to:

Texaco Inc.  
Manager, Product Safety  
P.O. Box 509  
Beacon, N.Y. 12508

PLEASE SEE NEXT PAGE FOR PRODUCT LABEL